

WEST

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Search Results - Record(s) 1 through 13 of 13 returned.☐ 1. Document ID: US 4554064 A

L2: Entry 1 of 13

File: EPAB

Nov 19, 1985

PUB-NO: US004554064A

DOCUMENT-IDENTIFIER: US 4554064 A

TITLE: Dual working-electrode electrochemical detector for high performance liquid chromatography

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 2. Document ID: US 3863625 A

L2: Entry 2 of 13

File: EPAB

Feb 4, 1975

PUB-NO: US003863625A

DOCUMENT-IDENTIFIER: US 3863625 A

TITLE: Epileptic seizure warning system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: WO 9967425 A2

L2: Entry 3 of 13

File: DWPI

Dec 29, 1999

DERWENT-ACC-NO: 2000-136990

DERWENT-WEEK: 200012

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TITLE: Complex-forming assay for analyte, particularly nucleic acid, used e.g. in detecting genetic disease, with accelerated complex formation by electrophoretic concentration of analyte

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 4. Document ID: EP 1018010 A1, WO 9914596 A1, ZA 9808077 A, AU 9890996 A, NO 200001326 A

L2: Entry 4 of 13

File: DWPI

Jul 12, 2000

DERWENT-ACC-NO: 1999-244080
DERWENT-WEEK: 200036
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TITLE: Producing capacity affinity sensor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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- ☐ 5. Document ID: EP 988534 A1, WO 9857159 A1, AU 9879678 A
L2: Entry 5 of 13 File: DWPI Mar 29, 2000

DERWENT-ACC-NO: 1999-060482
DERWENT-WEEK: 200020
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TITLE: Composition for detection of analytes - comprises electrode comprising self-assembled monolayer and metal ion ligand

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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- ☐ 6. Document ID: EP 981643 A2, WO 9831839 A2, AU 9859265 A
L2: Entry 6 of 13 File: DWPI Mar 1, 2000

DERWENT-ACC-NO: 1998-414129
DERWENT-WEEK: 200016
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TITLE: Probing of molecules at surfaces - by passing electron between biological species, used in e.g. test assays, biosensing applications or disease detection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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- ☐ 7. Document ID: CA 2226387 A1, FR 2758179 A1, EP 939279 A1
L2: Entry 7 of 13 File: DWPI Aug 3, 1999

DERWENT-ACC-NO: 1998-390234
DERWENT-WEEK: 200004
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TITLE: Flame monitoring and automatic cut-off for gas cooker or heater - has flame detectors at each burner and solenoid valve in each burner supply line, with electronic controller responding to flame detector to control solenoid valve

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 8. Document ID: US 5724987 A

L2: Entry 8 of 13

File: DWPI

Mar 10, 1998

DERWENT-ACC-NO: 1998-192382

DERWENT-WEEK: 199818

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TITLE: Neurocognitive adaptive computer aided training method
- involves automatically adjusting portion of learning program
being run by computer if trainee's on-line neurocognitive
scores of focused attention are predetermined amount below or
above threshold value

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 9. Document ID: US 6090269 A, WO 9706432 A1, AU 9666671 A, IL 114831 A, EP 842417 A1

L2: Entry 9 of 13

File: DWPI

Jul 18, 2000

DERWENT-ACC-NO: 1997-154390

DERWENT-WEEK: 200037

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TITLE: Highly sensitive electrode for determination of
chromium (VI) - having self-assembled monolayer of positively
charged 4-(2-ethane- thiol) pyridinium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 10. Document ID: WO 9817173 A1, US 5568816 A

L2: Entry 10 of 13

File: DWPI

Apr 30, 1998

DERWENT-ACC-NO: 1996-496511

DERWENT-WEEK: 199823

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TITLE: EEG deblurring method for brain wave medical system -
involves amplifying brain waves detected at electrodes,
converting amplified brain waves into digital data and
entering data into computer system to analyse data

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 11. Document ID: US 5331970 A

L2: Entry 11 of 13

File: DWPI

Jul 26, 1994

DERWENT-ACC-NO: 1994-240669

DERWENT-WEEK: 199650

COPYRIGHT 2000 DERWENT INFORMATION LTD

TITLE: EEG spatial enhancement - measuring thickness of skull and scalp of subject and head shape, then measuring physical location of electrodes on scalp

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 12. Document ID: US 5038782 A, WO 9202176 A

L2: Entry 12 of 13

File: DWPI

Aug 13, 1991

DERWENT-ACC-NO: 1991-259496

DERWENT-WEEK: 199846

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TITLE: Electrode system for brain wave detection appts. - has several metal conductive fingers which protrude through hair to scalp and provide multi-contact sites on scalp for each electrode

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 13. Document ID: US 4964972 A

L2: Entry 13 of 13

File: DWPI

Oct 23, 1990

DERWENT-ACC-NO: 1990-341629

DERWENT-WEEK: 199045

COPYRIGHT 2000 DERWENT INFORMATION LTD

TITLE: Electrode for electrochemical sensing device - is coated with mono:layer having selective active component and surface sealing component

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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WEST

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Search Results - Record(s) 1 through 14 of 14 returned.

☐ 1. Document ID: US 6096497 A

L1: Entry 1 of 14

File: USPT

Aug 1, 2000

US-PAT-NO: 6096497

DOCUMENT-IDENTIFIER: US 6096497 A

TITLE: Electrostatic enzyme biosensor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☐ 2. Document ID: US 6090269 A

L1: Entry 2 of 14

File: USPT

Jul 18, 2000

US-PAT-NO: 6090269

DOCUMENT-IDENTIFIER: US 6090269 A

TITLE: Determination of chromium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☐ 3. Document ID: US 6020457 A

L1: Entry 3 of 14

File: USPT

Feb 1, 2000

US-PAT-NO: 6020457

DOCUMENT-IDENTIFIER: US 6020457 A

TITLE: Disulfide-containing dendritic polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☐ 4. Document ID: US 5874316 A

L1: Entry 4 of 14

File: USPT

Feb 23, 1999

US-PAT-NO: 5874316

DOCUMENT-IDENTIFIER: US 5874316 A

TITLE: Receptor membranes and ionophore gating

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 5866936 A

L1: Entry 5 of 14

File: USPT

Feb 2, 1999

US-PAT-NO: 5866936

DOCUMENT-IDENTIFIER: US 5866936 A

TITLE: Mesa-structure avalanche photodiode having a buried epitaxial junction

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 6. Document ID: US 5840083 A

L1: Entry 6 of 14

File: USPT

Nov 24, 1998

US-PAT-NO: 5840083

DOCUMENT-IDENTIFIER: US 5840083 A

TITLE: Implant device having biocompatiable membrane coating

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 7. Document ID: US 5457696 A

L1: Entry 7 of 14

File: USPT

Oct 10, 1995

US-PAT-NO: 5457696

DOCUMENT-IDENTIFIER: US 5457696 A

TITLE: Semiconductor memory having internal test circuit

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 8. Document ID: US 5443955 A

L1: Entry 8 of 14

File: USPT

Aug 22, 1995

US-PAT-NO: 5443955

DOCUMENT-IDENTIFIER: US 5443955 A

TITLE: Receptor membranes and ionophore gating

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 9. Document ID: US 4853919 A

L1: Entry 9 of 14

File: USPT

Aug 1, 1989

US-PAT-NO: 4853919

DOCUMENT-IDENTIFIER: US 4853919 A

TITLE: Information processing apparatus in which a deflected light and 0-order light are respectively used for information recording/reproduction and tracking, and a method therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 10. Document ID: US 4834491 A

L1: Entry 10 of 14

File: USPT

May 30, 1989

US-PAT-NO: 4834491

DOCUMENT-IDENTIFIER: US 4834491 A

TITLE: Semiconductor laser module of dual in-line package type including coaxial high frequency connector

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 11. Document ID: US 4389900 A

L1: Entry 11 of 14

File: USPT

Jun 28, 1983

US-PAT-NO: 4389900

DOCUMENT-IDENTIFIER: US 4389900 A

TITLE: Capacitance probe sensor device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 12. Document ID: US 4104804 A

L1: Entry 12 of 14

File: USPT

Aug 8, 1978

US-PAT-NO: 4104804

DOCUMENT-IDENTIFIER: US 4104804 A

TITLE: Method for drying explosive materials

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 13. Document ID: US 3947396 A

L1: Entry 13 of 14

File: USPT

Mar 30, 1976

US-PAT-NO: 3947396

DOCUMENT-IDENTIFIER: US 3947396 A

TITLE: Coacervation of anion-containing aqueous disperse systems with amphoteric polyelectrolytes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☐ 14. Document ID: US 3843585 A

L1: Entry 14 of 14

File: USPT

Oct 22, 1974

US-PAT-NO: 3843585

DOCUMENT-IDENTIFIER: US 3843585 A

TITLE: COACERVATION OF ANION-CONTAINING AQUEOUS DISPERSE SYSTEMS WITH AMPHOTERIC POLYELECTROLYTES

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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Terms	Documents
detect\$4 same (sam or (self adj assembled adj monolayer)) same electrode	14

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Search Results -

Terms	Documents
detect\$4 and (sam or (self adj assembled adj monolayer)) and electrode	13

Database:

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JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Refine Search:

detect\$4 and (sam or (self adj assembled
adj monolayer)) and electrode

Clear

Search History

Today's Date: 9/11/2000

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
JPAB,EPAB,DWPI,TDBD	detect\$4 and (sam or (self adj assembled adj monolayer)) and electrode	13	<u>L4</u>
USPT	detect\$4 and (sam or (self adj assembled adj monolayer)) and electrode	662	<u>L3</u>
USPT	detect\$4 same (sam or (self adj assembled adj monolayer)) same electrode	14	<u>L2</u>
USPT	detect\$4 same (sam or (self adj assembled adj monolayer)) same electrode	0	<u>L1</u>

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Terms	Documents
(sam or (self adj assembled adj monolayer)) same electrode	114

Database: US Patents Full Text Database ▲
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins ▼

Refine Search:

(sam or (self adj assembled adj monolayer)) same electrode

[Clear](#)**Search History**

Today's Date: 9/11/2000

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	(sam or (self adj assembled adj monolayer)) same electrode	114	L5
JPAB,EPAB,DWPI,TDBD	detect\$4 and (sam or (self adj assembled adj monolayer)) and electrode	13	L4
USPT	detect\$4 and (sam or (self adj assembled adj monolayer)) and electrode	662	L3
USPT	detect\$4 same (sam or (self adj assembled adj monolayer)) same electrode	14	L2
USPT	detect\$4 same (sam or (self adj assembled adj monolayer)) same elctrode	0	L1

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 114 of 114 returned.**

1. Document ID: US 6096497 A

L5: Entry 1 of 114

File: USPT

Aug 1, 2000

US-PAT-NO: 6096497

DOCUMENT-IDENTIFIER: US 6096497 A

TITLE: Electrostatic enzyme biosensor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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2. Document ID: US 6091666 A

L5: Entry 2 of 114

File: USPT

Jul 18, 2000

US-PAT-NO: 6091666

DOCUMENT-IDENTIFIER: US 6091666 A

TITLE: Nonvolatile flash memory with fast data programming operation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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3. Document ID: US 6090545 A

L5: Entry 3 of 114

File: USPT

Jul 18, 2000

US-PAT-NO: 6090545

DOCUMENT-IDENTIFIER: US 6090545 A

TITLE: Multi-array, multi-specific electrochemiluminescence testing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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4. Document ID: US 6090269 A

L5: Entry 4 of 114

File: USPT

Jul 18, 2000

US-PAT-NO: 6090269
DOCUMENT-IDENTIFIER: US 6090269 A
TITLE: Determination of chromium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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5. Document ID: US 6066448 A

L5: Entry 5 of 114

File: USPT

May 23, 2000

US-PAT-NO: 6066448
DOCUMENT-IDENTIFIER: US 6066448 A
TITLE: Multi-array, multi-specific electrochemiluminescence testing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 6. Document ID: US 6063573 A

L5: Entry 6 of 114

File: USPT

May 16, 2000

US-PAT-NO: 6063573
DOCUMENT-IDENTIFIER: US 6063573 A
TITLE: Cycling probe technology using electron transfer detection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 7. Document ID: US 6047095 A

L5: Entry 7 of 114

File: USPT

Apr 4, 2000

US-PAT-NO: 6047095
DOCUMENT-IDENTIFIER: US 6047095 A
TITLE: In-line polymeric construct for modulators, filters, switches and other electro-optic devices

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 8. Document ID: US 6043183 A

L5: Entry 8 of 114

File: USPT

Mar 28, 2000

US-PAT-NO: 6043183
DOCUMENT-IDENTIFIER: US 6043183 A
TITLE: High power density carbons for use in double layer
energy storage devices

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 9. Document ID: US 6040575 A

L5: Entry 9 of 114

File: USPT

Mar 21, 2000

US-PAT-NO: 6040575
DOCUMENT-IDENTIFIER: US 6040575 A
TITLE: Mass spectrometry from surfaces

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 10. Document ID: US 6035170 A

L5: Entry 10 of 114

File: USPT

Mar 7, 2000

US-PAT-NO: 6035170
DOCUMENT-IDENTIFIER: US 6035170 A
TITLE: Reproduction machine including an electrostatic sonic
toner release development apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 11. Document ID: US 6020457 A

L5: Entry 11 of 114

File: USPT

Feb 1, 2000

US-PAT-NO: 6020457
DOCUMENT-IDENTIFIER: US 6020457 A
TITLE: Disulfide-containing dendritic polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 12. Document ID: US 6013170 A

L5: Entry 12 of 114

File: USPT

Jan 11, 2000

US-PAT-NO: 6013170
DOCUMENT-IDENTIFIER: US 6013170 A
TITLE: Detection of analytes using reorganization energy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 13. Document ID: US 6014196 A

L5: Entry 13 of 114

File: USPT

Jan 11, 2000

US-PAT-NO: 6014196
DOCUMENT-IDENTIFIER: US 6014196 A
TITLE: Transparent electrically conductive film-attached substrate

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 14. Document ID: US 5976284 A

L5: Entry 14 of 114

File: USPT

Nov 2, 1999

US-PAT-NO: 5976284
DOCUMENT-IDENTIFIER: US 5976284 A
TITLE: Patterned conducting polymer surfaces and process for preparing the same and devices containing the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 15. Document ID: US 5959920 A

L5: Entry 15 of 114

File: USPT

Sep 28, 1999

US-PAT-NO: 5959920
DOCUMENT-IDENTIFIER: US 5959920 A
TITLE: Semiconductor memory device using sense amplifiers in a dummy cell area for increasing writing speed

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 16. Document ID: US 5942388 A

L5: Entry 16 of 114

File: USPT

Aug 24, 1999

US-PAT-NO: 5942388
DOCUMENT-IDENTIFIER: US 5942388 A
TITLE: Electrochemical method and system for the
determination of an analyte which is a member of a recognition
pair in a liquid medium, and electrodes thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 17. Document ID: US 5922214 A
L5: Entry 17 of 114 File: USPT Jul 13, 1999

US-PAT-NO: 5922214
DOCUMENT-IDENTIFIER: US 5922214 A
TITLE: Nanometer scale fabrication method to produce thin film
nanostructures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 18. Document ID: US 5919576 A
L5: Entry 18 of 114 File: USPT Jul 6, 1999

US-PAT-NO: 5919576
DOCUMENT-IDENTIFIER: US 5919576 A
TITLE: Immobilized biological membranes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 19. Document ID: US 5900160 A
L5: Entry 19 of 114 File: USPT May 4, 1999

US-PAT-NO: 5900160
DOCUMENT-IDENTIFIER: US 5900160 A
TITLE: Methods of etching articles via microcontact printing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 20. Document ID: US 5883780 A
L5: Entry 20 of 114 File: USPT Mar 16, 1999

US-PAT-NO: 5883780
DOCUMENT-IDENTIFIER: US 5883780 A
TITLE: Ceramic electronic part

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 21. Document ID: US 5874316 A
L5: Entry 21 of 114 File: USPT Feb 23, 1999

US-PAT-NO: 5874316
DOCUMENT-IDENTIFIER: US 5874316 A
TITLE: Receptor membranes and ionophore gating

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 22. Document ID: US 5869135 A
L5: Entry 22 of 114 File: USPT Feb 9, 1999

US-PAT-NO: 5869135
DOCUMENT-IDENTIFIER: US 5869135 A
TITLE: Selective chemical vapor deposition of polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 23. Document ID: US 5866936 A
L5: Entry 23 of 114 File: USPT Feb 2, 1999

US-PAT-NO: 5866936
DOCUMENT-IDENTIFIER: US 5866936 A
TITLE: Mesa-structure avalanche photodiode having a buried epitaxial junction

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 24. Document ID: US 5858120 A
L5: Entry 24 of 114 File: USPT Jan 12, 1999

US-PAT-NO: 5858120
DOCUMENT-IDENTIFIER: US 5858120 A
TITLE: Photovoltaic device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 25. Document ID: US 5858122 A

L5: Entry 25 of 114

File: USPT

Jan 12, 1999

US-PAT-NO: 5858122

DOCUMENT-IDENTIFIER: US 5858122 A

TITLE: Materials capable of readily developing natural patina and process for producing the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 26. Document ID: US 5854864 A

L5: Entry 26 of 114

File: USPT

Dec 29, 1998

US-PAT-NO: 5854864

DOCUMENT-IDENTIFIER: US 5854864 A

TITLE: In-line polymeric construct for modulators, filters, switches and other electro-optic devices

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 27. Document ID: US 5843804 A

L5: Entry 27 of 114

File: USPT

Dec 1, 1998

US-PAT-NO: 5843804

DOCUMENT-IDENTIFIER: US 5843804 A

TITLE: Method of making avalanche photodiodes with epitaxially-regrown guard rings

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 28. Document ID: US 5840083 A

L5: Entry 28 of 114

File: USPT

Nov 24, 1998

US-PAT-NO: 5840083

DOCUMENT-IDENTIFIER: US 5840083 A

TITLE: Implant device having biocompatible membrane coating

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 29. Document ID: US RE35953 E

L5: Entry 29 of 114

File: USPT

Nov 10, 1998

US-PAT-NO: RE35953

DOCUMENT-IDENTIFIER: US RE35953 E

TITLE: Semiconductor dynamic memory device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 30. Document ID: US 5807468 A

L5: Entry 30 of 114

File: USPT

Sep 15, 1998

US-PAT-NO: 5807468

DOCUMENT-IDENTIFIER: US 5807468 A

TITLE: Anode electrolysis electrode material using precious metal-based amorphous alloy suitable for plastic processing and applicable to a bulk member

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 31. Document ID: US 5784530 A

L5: Entry 31 of 114

File: USPT

Jul 21, 1998

US-PAT-NO: 5784530

DOCUMENT-IDENTIFIER: US 5784530 A

TITLE: Iterated electrodes for oil wells

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 32. Document ID: US 5751018 A

L5: Entry 32 of 114

File: USPT

May 12, 1998

US-PAT-NO: 5751018

DOCUMENT-IDENTIFIER: US 5751018 A

TITLE: Semiconductor nanocrystals covalently bound to solid inorganic surfaces using self-assembled monolayers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 33. Document ID: US 5663089 A

L5: Entry 33 of 114

File: USPT

Sep 2, 1997

US-PAT-NO: 5663089

DOCUMENT-IDENTIFIER: US 5663089 A

TITLE: Method for producing a laminated thin film capacitor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 34. Document ID: US 5610416 A

L5: Entry 34 of 114

File: USPT

Mar 11, 1997

US-PAT-NO: 5610416

DOCUMENT-IDENTIFIER: US 5610416 A

TITLE: Avalanche photodiode with epitaxially regrown guard rings

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 35. Document ID: US 5600532 A

L5: Entry 35 of 114

File: USPT

Feb 4, 1997

US-PAT-NO: 5600532

DOCUMENT-IDENTIFIER: US 5600532 A

TITLE: Thin-film condenser

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 36. Document ID: US 5596434 A

L5: Entry 36 of 114

File: USPT

Jan 21, 1997

US-PAT-NO: 5596434

DOCUMENT-IDENTIFIER: US 5596434 A

TITLE: Self-assembled monolayers for liquid crystal alignment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 37. Document ID: US 5585646 A

L5: Entry 37 of 114

File: USPT

Dec 17, 1996

US-PAT-NO: 5585646

DOCUMENT-IDENTIFIER: US 5585646 A

TITLE: Bio-electronic devices

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 38. Document ID: US 5547778 A

L5: Entry 38 of 114

File: USPT

Aug 20, 1996

US-PAT-NO: 5547778

DOCUMENT-IDENTIFIER: US 5547778 A

TITLE: Cavitand electrolytic cell and electrolytic process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 39. Document ID: US 5523878 A

L5: Entry 39 of 114

File: USPT

Jun 4, 1996

US-PAT-NO: 5523878

DOCUMENT-IDENTIFIER: US 5523878 A

TITLE: Self-assembled monolayer coating for micro-mechanical devices

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 40. Document ID: US 5518007 A

L5: Entry 40 of 114

File: USPT

May 21, 1996

US-PAT-NO: 5518007

DOCUMENT-IDENTIFIER: US 5518007 A

TITLE: Electrode locator

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 41. Document ID: US 5513649 A

L5: Entry 41 of 114

File: USPT

May 7, 1996

US-PAT-NO: 5513649
DOCUMENT-IDENTIFIER: US 5513649 A
TITLE: Adaptive interference canceler for EEG movement and eye artifacts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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42. Document ID: US 5506420 A

L5: Entry 42 of 114 File: USPT Apr 9, 1996

US-PAT-NO: 5506420
DOCUMENT-IDENTIFIER: US 5506420 A
TITLE: Semiconductor bio-electronic devices incorporating biochemical stabilization layers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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43. Document ID: US 5505200 A

L5: Entry 43 of 114 File: USPT Apr 9, 1996

US-PAT-NO: 5505200
DOCUMENT-IDENTIFIER: US 5505200 A
TITLE: Biomedical conductor containing inorganic oxides and biomedical electrodes prepared therefrom

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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44. Document ID: US 5473576 A

L5: Entry 44 of 114 File: USPT Dec 5, 1995

US-PAT-NO: 5473576
DOCUMENT-IDENTIFIER: US 5473576 A
TITLE: Dynamic random access memory device with low-power consumption column selector

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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45. Document ID: US 5459635 A

L5: Entry 45 of 114 File: USPT Oct 17, 1995

US-PAT-NO: 5459635
DOCUMENT-IDENTIFIER: US 5459635 A
TITLE: Laminated thin film capacitor and method for producing the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 46. Document ID: US 5457696 A

L5: Entry 46 of 114 File: USPT Oct 10, 1995

US-PAT-NO: 5457696
DOCUMENT-IDENTIFIER: US 5457696 A
TITLE: Semiconductor memory having internal test circuit

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 47. Document ID: US 5450367 A

L5: Entry 47 of 114 File: USPT Sep 12, 1995

US-PAT-NO: 5450367
DOCUMENT-IDENTIFIER: US 5450367 A
TITLE: Split SAM with independent SAM access

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 48. Document ID: US 5443955 A

L5: Entry 48 of 114 File: USPT Aug 22, 1995

US-PAT-NO: 5443955
DOCUMENT-IDENTIFIER: US 5443955 A
TITLE: Receptor membranes and ionophore gating

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 49. Document ID: US 5430020 A

L5: Entry 49 of 114 File: USPT Jul 4, 1995

US-PAT-NO: 5430020
DOCUMENT-IDENTIFIER: US 5430020 A
TITLE: Recombinant alveolar surfactant protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 50. Document ID: US 5411914 A

L5: Entry 50 of 114

File: USPT

May 2, 1995

US-PAT-NO: 5411914

DOCUMENT-IDENTIFIER: US 5411914 A

TITLE: III-V based integrated circuits having low temperature growth buffer or passivation layers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 51. Document ID: US 5401378 A

L5: Entry 51 of 114

File: USPT

Mar 28, 1995

US-PAT-NO: 5401378

DOCUMENT-IDENTIFIER: US 5401378 A

TITLE: Ionic reservoir at electrode surface

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 52. Document ID: US 5377151 A

L5: Entry 52 of 114

File: USPT

Dec 27, 1994

US-PAT-NO: 5377151

DOCUMENT-IDENTIFIER: US 5377151 A

TITLE: Semiconductor memory device having low-noise sense structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 53. Document ID: US 5338571 A

L5: Entry 53 of 114

File: USPT

Aug 16, 1994

US-PAT-NO: 5338571

DOCUMENT-IDENTIFIER: US 5338571 A

TITLE: Method of forming self-assembled, mono- and multi-layer fullerene film and coated substrates produced thereby

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 54. Document ID: US 5334960 A

L5: Entry 54 of 114

File: USPT

Aug 2, 1994

US-PAT-NO: 5334960

DOCUMENT-IDENTIFIER: US 5334960 A

TITLE: Conjugately matched acoustic wave transducers and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 55. Document ID: US 5326650 A

L5: Entry 55 of 114

File: USPT

Jul 5, 1994

US-PAT-NO: 5326650

DOCUMENT-IDENTIFIER: US 5326650 A

TITLE: Solid oxide fuel electrodes and process for producing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 56. Document ID: US 5292423 A

L5: Entry 56 of 114

File: USPT

Mar 8, 1994

US-PAT-NO: 5292423

DOCUMENT-IDENTIFIER: US 5292423 A

TITLE: Method and apparatus for trace metal testing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 57. Document ID: US 5291888 A

L5: Entry 57 of 114

File: USPT

Mar 8, 1994

US-PAT-NO: 5291888

DOCUMENT-IDENTIFIER: US 5291888 A

TITLE: Head sensor positioning network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 58. Document ID: US 5270028 A

L5: Entry 58 of 114

File: USPT

Dec 14, 1993

US-PAT-NO: 5270028

DOCUMENT-IDENTIFIER: US 5270028 A

TITLE: Diamond and its preparation by chemical vapor
deposition method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 59. Document ID: US 5267200 A

L5: Entry 59 of 114

File: USPT

Nov 30, 1993

US-PAT-NO: 5267200

DOCUMENT-IDENTIFIER: US 5267200 A

TITLE: Semiconductor memory device and operating method
thereof with transfer transistor used as a holding means

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 60. Document ID: US 5249070 A

L5: Entry 60 of 114

File: USPT

Sep 28, 1993

US-PAT-NO: 5249070

DOCUMENT-IDENTIFIER: US 5249070 A

TITLE: Liquid crystal display

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 61. Document ID: US 5246877 A

L5: Entry 61 of 114

File: USPT

Sep 21, 1993

US-PAT-NO: 5246877

DOCUMENT-IDENTIFIER: US 5246877 A

TITLE: Method of manufacturing a semiconductor device having a
polycrystalline electrode region

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 62. Document ID: US 5223117 A

L5: Entry 62 of 114

File: USPT

Jun 29, 1993

US-PAT-NO: 5223117

DOCUMENT-IDENTIFIER: US 5223117 A

TITLE: Two-terminal voltammetric microsensors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 63. Document ID: US 5166859 A

L5: Entry 63 of 114

File: USPT

Nov 24, 1992

US-PAT-NO: 5166859

DOCUMENT-IDENTIFIER: US 5166859 A

TITLE: Laminated semiconductor ceramic capacitor with a grain boundary-insulated structure and a method for producing the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 64. Document ID: US 5161233 A

L5: Entry 64 of 114

File: USPT

Nov 3, 1992

US-PAT-NO: 5161233

DOCUMENT-IDENTIFIER: US 5161233 A

TITLE: Method for recording and reproducing information, apparatus therefor and recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 65. Document ID: US 5157473 A

L5: Entry 65 of 114

File: USPT

Oct 20, 1992

US-PAT-NO: 5157473

DOCUMENT-IDENTIFIER: US 5157473 A

TITLE: Avalanche photodiode having guard ring

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 66. Document ID: US 5153082 A

L5: Entry 66 of 114

File: USPT

Oct 6, 1992

US-PAT-NO: 5153082
DOCUMENT-IDENTIFIER: US 5153082 A
TITLE: Nonaqueous electrolyte secondary battery

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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✖ 67. Document ID: US 5144401 A

L5: Entry 67 of 114 File: USPT Sep 1, 1992

US-PAT-NO: 5144401
DOCUMENT-IDENTIFIER: US 5144401 A
TITLE: Turn-on/off driving technique for insulated gate thyristor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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✖ 68. Document ID: US 5108573 A

L5: Entry 68 of 114 File: USPT Apr 28, 1992

US-PAT-NO: 5108573
DOCUMENT-IDENTIFIER: US 5108573 A
TITLE: Morphology in electrochemically grown conducting polymer films

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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✖ 69. Document ID: US 5106461 A

L5: Entry 69 of 114 File: USPT Apr 21, 1992

US-PAT-NO: 5106461
DOCUMENT-IDENTIFIER: US 5106461 A
TITLE: High-density, multi-level interconnects, flex circuits, and tape for tab

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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✖ 70. Document ID: US 5105209 A

L5: Entry 70 of 114 File: USPT Apr 14, 1992

US-PAT-NO: 5105209
DOCUMENT-IDENTIFIER: US 5105209 A
TITLE: Hot melt ink jet printing apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 71. Document ID: US 5102746 A

L5: Entry 71 of 114

File: USPT

Apr 7, 1992

US-PAT-NO: 5102746
DOCUMENT-IDENTIFIER: US 5102746 A
TITLE: Multicoated steel sheet susceptible to cationic electrodeposition coating

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 72. Document ID: US 5097318 A

L5: Entry 72 of 114

File: USPT

Mar 17, 1992

US-PAT-NO: 5097318
DOCUMENT-IDENTIFIER: US 5097318 A
TITLE: Semiconductor package and computer using it

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 73. Document ID: US 5054301 A

L5: Entry 73 of 114

File: USPT

Oct 8, 1991

US-PAT-NO: 5054301
DOCUMENT-IDENTIFIER: US 5054301 A
TITLE: Method of forming metallic product

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 74. Document ID: US 5053292 A

L5: Entry 74 of 114

File: USPT

Oct 1, 1991

US-PAT-NO: 5053292
DOCUMENT-IDENTIFIER: US 5053292 A
TITLE: Nickel-metal hydride secondary cell

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 75. Document ID: US 5021927 A

L5: Entry 75 of 114

File: USPT

Jun 4, 1991

US-PAT-NO: 5021927

DOCUMENT-IDENTIFIER: US 5021927 A

TITLE: Cooling system for wound electrolytic capacitor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 76. Document ID: US 5003324 A

L5: Entry 76 of 114

File: USPT

Mar 26, 1991

US-PAT-NO: 5003324

DOCUMENT-IDENTIFIER: US 5003324 A

TITLE: Thermal head

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☐ 77. Document ID: US 4964972 A

L5: Entry 77 of 114

File: USPT

Oct 23, 1990

US-PAT-NO: 4964972

DOCUMENT-IDENTIFIER: US 4964972 A

TITLE: Ionic recognition and selective response in self assembling monolayer membranes on electrodes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 78. Document ID: US 4952527 A

L5: Entry 78 of 114

File: USPT

Aug 28, 1990

US-PAT-NO: 4952527

DOCUMENT-IDENTIFIER: US 4952527 A

TITLE: Method of making buffer layers for III-V devices using solid phase epitaxy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 79. Document ID: US 4926431 A

L5: Entry 79 of 114

File: USPT

May 15, 1990

US-PAT-NO: 4926431

DOCUMENT-IDENTIFIER: US 4926431 A

TITLE: Semiconductor laser device which is stable for a long period of time

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 80. Document ID: US 4915898 A

L5: Entry 80 of 114

File: USPT

Apr 10, 1990

US-PAT-NO: 4915898

DOCUMENT-IDENTIFIER: US 4915898 A

TITLE: Method for the continuous fabrication of comminuted hydrogen storage alloy material negative electrodes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 81. Document ID: US 4853919 A

L5: Entry 81 of 114

File: USPT

Aug 1, 1989

US-PAT-NO: 4853919

DOCUMENT-IDENTIFIER: US 4853919 A

TITLE: Information processing apparatus in which a deflected light and O-order light are respectively used for information recording/reproduction and tracking, and a method therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 82. Document ID: US 4834491 A

L5: Entry 82 of 114

File: USPT

May 30, 1989

US-PAT-NO: 4834491

DOCUMENT-IDENTIFIER: US 4834491 A

TITLE: Semiconductor laser module of dual in-line package type including coaxial high frequency connector

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 83. Document ID: US 4820481 A

L5: Entry 83 of 114

File: USPT

Apr 11, 1989

US-PAT-NO: 4820481

DOCUMENT-IDENTIFIER: US 4820481 A

TITLE: Method for the continuous fabrication of hydrogen storage alloy negative electrodes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw. Desc	Image
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☒ 84. Document ID: US 4800888 A

L5: Entry 84 of 114

File: USPT

Jan 31, 1989

US-PAT-NO: 4800888

DOCUMENT-IDENTIFIER: US 4800888 A

TITLE: Enhanced electrode headset

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw. Desc	Image
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☒ 85. Document ID: US 4787142 A

L5: Entry 85 of 114

File: USPT

Nov 29, 1988

US-PAT-NO: 4787142

DOCUMENT-IDENTIFIER: US 4787142 A

TITLE: Exothermic cutting electrode

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw. Desc	Image
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☒ 86. Document ID: US 4743662 A

L5: Entry 86 of 114

File: USPT

May 10, 1988

US-PAT-NO: 4743662

DOCUMENT-IDENTIFIER: US 4743662 A

TITLE: Infusible preceramic polymers via plasma treatment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw. Desc	Image
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☒ 87. Document ID: US 4737889 A

L5: Entry 87 of 114

File: USPT

Apr 12, 1988

US-PAT-NO: 4737889

DOCUMENT-IDENTIFIER: US 4737889 A

TITLE: Polarizable electrode body and method for its making

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☒ 88. Document ID: US 4728586 A

L5: Entry 88 of 114

File: USPT

Mar 1, 1988

US-PAT-NO: 4728586

DOCUMENT-IDENTIFIER: US 4728586 A

TITLE: Enhanced charge retention electrochemical hydrogen storage alloys and an enhanced charge retention electrochemical cell

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☒ 89. Document ID: US 4725745 A

L5: Entry 89 of 114

File: USPT

Feb 16, 1988

US-PAT-NO: 4725745

DOCUMENT-IDENTIFIER: US 4725745 A

TITLE: Bi-MOS PLA

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☒ 90. Document ID: US 4697791 A

L5: Entry 90 of 114

File: USPT

Oct 6, 1987

US-PAT-NO: 4697791

DOCUMENT-IDENTIFIER: US 4697791 A

TITLE: Exothermic cutting electrode

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☒ 91. Document ID: US 4668925 A

L5: Entry 91 of 114

File: USPT

May 26, 1987

US-PAT-NO: 4668925
DOCUMENT-IDENTIFIER: US 4668925 A
TITLE: Dielectric resonator and method for making

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 92. Document ID: US 4581501 A

L5: Entry 92 of 114 File: USPT Apr 8, 1986

US-PAT-NO: 4581501
DOCUMENT-IDENTIFIER: US 4581501 A
TITLE: Ignition distributor for internal combustion engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 93. Document ID: US 4570151 A

L5: Entry 93 of 114 File: USPT Feb 11, 1986

US-PAT-NO: 4570151
DOCUMENT-IDENTIFIER: US 4570151 A
TITLE: Speedometer display of simulated analog needle and
odometer on electroluminescent panel

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 94. Document ID: US 4537198 A

L5: Entry 94 of 114 File: USPT Aug 27, 1985

US-PAT-NO: 4537198
DOCUMENT-IDENTIFIER: US 4537198 A
TITLE: Electrode cap

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 95. Document ID: US 4521549 A

L5: Entry 95 of 114 File: USPT Jun 4, 1985

US-PAT-NO: 4521549
DOCUMENT-IDENTIFIER: US 4521549 A
TITLE: High voltage insulating materials

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 96. Document ID: US 4512348 A

L5: Entry 96 of 114

File: USPT

Apr 23, 1985

US-PAT-NO: 4512348

DOCUMENT-IDENTIFIER: US 4512348 A

TITLE: Device for automatically and continuously measuring the constituent parts of blood

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 97. Document ID: US 4508954 A

L5: Entry 97 of 114

File: USPT

Apr 2, 1985

US-PAT-NO: 4508954

DOCUMENT-IDENTIFIER: US 4508954 A

TITLE: Portable arc voltage wirefeed welding system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 98. Document ID: US 4508990 A

L5: Entry 98 of 114

File: USPT

Apr 2, 1985

US-PAT-NO: 4508990

DOCUMENT-IDENTIFIER: US 4508990 A

TITLE: Thin-film EL panel mounting unit

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 99. Document ID: US 4399064 A

L5: Entry 99 of 114

File: USPT

Aug 16, 1983

US-PAT-NO: 4399064

DOCUMENT-IDENTIFIER: US 4399064 A

TITLE: Anti-tracking high voltage insulating materials

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 100. Document ID: US 4389900 A

L5: Entry 100 of 114

File: USPT

Jun 28, 1983

US-PAT-NO: 4389900

DOCUMENT-IDENTIFIER: US 4389900 A

TITLE: Capacitance probe sensor device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 101. Document ID: US 4385842 A

L5: Entry 101 of 114

File: USPT

May 31, 1983

US-PAT-NO: 4385842

DOCUMENT-IDENTIFIER: US 4385842 A

TITLE: Electronic timepiece for indicating digital subdivisions of time in a substantially conventional format

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 102. Document ID: US 4379342 A

L5: Entry 102 of 114

File: USPT

Apr 5, 1983

US-PAT-NO: 4379342

DOCUMENT-IDENTIFIER: US 4379342 A

TITLE: Semiconductor dynamic memory device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 103. Document ID: US 4367382 A

L5: Entry 103 of 114

File: USPT

Jan 4, 1983

US-PAT-NO: 4367382

DOCUMENT-IDENTIFIER: US 4367382 A

TITLE: Vacuum circuit breaker

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 104. Document ID: US 4131784 A

L5: Entry 104 of 114

File: USPT

Dec 26, 1978

US-PAT-NO: 4131784
DOCUMENT-IDENTIFIER: US 4131784 A
TITLE: Coated welding electrode containing chromium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 105. Document ID: US 4104804 A

L5: Entry 105 of 114 File: USPT Aug 8, 1978

US-PAT-NO: 4104804
DOCUMENT-IDENTIFIER: US 4104804 A
TITLE: Method for drying explosive materials

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 106. Document ID: US 4060472 A

L5: Entry 106 of 114 File: USPT Nov 29, 1977

US-PAT-NO: 4060472
DOCUMENT-IDENTIFIER: US 4060472 A
TITLE: Anode-fitting assembly

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 107. Document ID: US 3947396 A

L5: Entry 107 of 114 File: USPT Mar 30, 1976

US-PAT-NO: 3947396
DOCUMENT-IDENTIFIER: US 3947396 A
TITLE: Coacervation of anion-containing aqueous disperse systems with amphoteric polyelectrolytes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 108. Document ID: US 3891530 A

L5: Entry 108 of 114 File: USPT Jun 24, 1975

US-PAT-NO: 3891530
DOCUMENT-IDENTIFIER: US 3891530 A
TITLE: Anode-fitting assembly

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 109. Document ID: US 3851313 A

L5: Entry 109 of 114

File: USPT

Nov 26, 1974

US-PAT-NO: 3851313

DOCUMENT-IDENTIFIER: US 3851313 A

TITLE: MEMORY CELL FOR SEQUENTIALLY ADDRESSED MEMORY ARRAY

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 110. Document ID: US 3843585 A

L5: Entry 110 of 114

File: USPT

Oct 22, 1974

US-PAT-NO: 3843585

DOCUMENT-IDENTIFIER: US 3843585 A

TITLE: COACERVATION OF ANION-CONTAINING AQUEOUS DISPERSE
SYSTEMS WITH AMPHOTERIC POLYELECTROLYTES

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 111. Document ID: US 3836397 A

L5: Entry 111 of 114

File: USPT

Sep 17, 1974

US-PAT-NO: 3836397

DOCUMENT-IDENTIFIER: US 3836397 A

TITLE: IRON ELECTRODE FOR ALKALINE CELLS

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 112. Document ID: US 3721963 A

L5: Entry 112 of 114

File: USPT

Mar 20, 1973

US-PAT-NO: 3721963

DOCUMENT-IDENTIFIER: US 3721963 A

TITLE: PHOTON TO DIGITAL CONVERTER USING PHOTON FLUX
INTEGRATION

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 113. Document ID: US 3694786 A

L5: Entry 113 of 114

File: USPT

Sep 26, 1972

US-PAT-NO: 3694786

DOCUMENT-IDENTIFIER: US 3694786 A

TITLE: HIGH VOLTAGE RESISTOR

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 114. Document ID: US 3579819 A

L5: Entry 114 of 114

File: USPT

May 25, 1971

US-PAT-NO: 3579819

DOCUMENT-IDENTIFIER: US 3579819 A

TITLE: METHOD OF MAKING A RESISTOR

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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Generate Collection

Terms	Documents
(sam or (self adj assembled adj monolayer)) same electrode	114

Display

1000 Documents, starting with Document:

114

Display Format:

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WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Terms	Documents
(sam or (self adj assembled adj monolayer)) same electrode	114

Database: US Patents Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Refine Search: (sam or (self adj assembled adj monolayer)) same electrode Clear

Search History**Today's Date: 9/11/2000**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	(sam or (self adj assembled adj monolayer)) same electrode	114	<u>L5</u>
JPAB,EPAB,DWPI,TDBD	detect\$4 and (sam or (self adj assembled adj monolayer)) and electrode	13	<u>L4</u>
USPT	detect\$4 and (sam or (self adj assembled adj monolayer)) and electrode	662	<u>L3</u>
USPT	detect\$4 same (sam or (self adj assembled adj monolayer)) same electrode	14	<u>L2</u>
USPT	detect\$4 same (sam or (self adj assembled adj monolayer)) same electrode	0	<u>L1</u>

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 14 of 14 returned.**

☐ 1. Document ID: US 6096497 A
L2: Entry 1 of 14 File: USPT Aug 1, 2000

US-PAT-NO: 6096497
DOCUMENT-IDENTIFIER: US 6096497 A
TITLE: Electrostatic enzyme biosensor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 2. Document ID: US 6090269 A
L2: Entry 2 of 14 File: USPT Jul 18, 2000

US-PAT-NO: 6090269
DOCUMENT-IDENTIFIER: US 6090269 A
TITLE: Determination of chromium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 3. Document ID: US 6020457 A
L2: Entry 3 of 14 File: USPT Feb 1, 2000

US-PAT-NO: 6020457
DOCUMENT-IDENTIFIER: US 6020457 A
TITLE: Disulfide-containing dendritic polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 4. Document ID: US 5874316 A
L2: Entry 4 of 14 File: USPT Feb 23, 1999

US-PAT-NO: 5874316
DOCUMENT-IDENTIFIER: US 5874316 A
TITLE: Receptor membranes and ionophore gating

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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- ☒ 5. Document ID: US 5866936 A
L2: Entry 5 of 14 File: USPT Feb 2, 1999

US-PAT-NO: 5866936
DOCUMENT-IDENTIFIER: US 5866936 A
TITLE: Mesa-structure avalanche photodiode having a buried epitaxial junction

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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- ☒ 6. Document ID: US 5840083 A
L2: Entry 6 of 14 File: USPT Nov 24, 1998

US-PAT-NO: 5840083
DOCUMENT-IDENTIFIER: US 5840083 A
TITLE: Implant device having biocompatible membrane coating

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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- ☒ 7. Document ID: US 5457696 A
L2: Entry 7 of 14 File: USPT Oct 10, 1995

US-PAT-NO: 5457696
DOCUMENT-IDENTIFIER: US 5457696 A
TITLE: Semiconductor memory having internal test circuit

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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- ☒ 8. Document ID: US 5443955 A
L2: Entry 8 of 14 File: USPT Aug 22, 1995

US-PAT-NO: 5443955
DOCUMENT-IDENTIFIER: US 5443955 A
TITLE: Receptor membranes and ionophore gating

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 9. Document ID: US 4853919 A

L2: Entry 9 of 14

File: USPT

Aug 1, 1989

US-PAT-NO: 4853919

DOCUMENT-IDENTIFIER: US 4853919 A

TITLE: Information processing apparatus in which a deflected light and O-order light are respectively used for information recording/reproduction and tracking, and a method therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 10. Document ID: US 4834491 A

L2: Entry 10 of 14

File: USPT

May 30, 1989

US-PAT-NO: 4834491

DOCUMENT-IDENTIFIER: US 4834491 A

TITLE: Semiconductor laser module of dual in-line package type including coaxial high frequency connector

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 11. Document ID: US 4389900 A

L2: Entry 11 of 14

File: USPT

Jun 28, 1983

US-PAT-NO: 4389900

DOCUMENT-IDENTIFIER: US 4389900 A

TITLE: Capacitance probe sensor device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 12. Document ID: US 4104804 A

L2: Entry 12 of 14

File: USPT

Aug 8, 1978

US-PAT-NO: 4104804

DOCUMENT-IDENTIFIER: US 4104804 A

TITLE: Method for drying explosive materials

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☒ 13. Document ID: US 3947396 A

L2: Entry 13 of 14

File: USPT

Mar 30, 1976

US-PAT-NO: 3947396

DOCUMENT-IDENTIFIER: US 3947396 A

TITLE: Coacervation of anion-containing aqueous disperse systems with amphoteric polyelectrolytes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☒ 14. Document ID: US 3843585 A

L2: Entry 14 of 14

File: USPT

Oct 22, 1974

US-PAT-NO: 3843585

DOCUMENT-IDENTIFIER: US 3843585 A

TITLE: COACERVATION OF ANION-CONTAINING AQUEOUS DISPERSE SYSTEMS WITH AMPHOTERIC POLYELECTROLYTES

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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Terms	Documents
detect\$4 same (sam or (self adj assembled adj monolayer)) same electrode	14

[Display](#)

1000

Documents, starting with Document:

[14](#)**Display Format:**[TI](#)[Change Format](#)

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 13 of 13 returned.**☐ 1. Document ID: US 4554064 A

L4: Entry 1 of 13

File: EPAB

Nov 19, 1985

PUB-NO: US004554064A

DOCUMENT-IDENTIFIER: US 4554064 A

TITLE: Dual working-electrode electrochemical detector for high performance liquid chromatography

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☐ 2. Document ID: US 3863625 A

L4: Entry 2 of 13

File: EPAB

Feb 4, 1975

PUB-NO: US003863625A

DOCUMENT-IDENTIFIER: US 3863625 A

TITLE: Epileptic seizure warning system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 3. Document ID: WO 9967425 A2

L4: Entry 3 of 13

File: DWPI

Dec 29, 1999

DERWENT-ACC-NO: 2000-136990

DERWENT-WEEK: 200012

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TITLE: Complex-forming assay for analyte, particularly nucleic acid, used e.g. in detecting genetic disease, with accelerated complex formation by electrophoretic concentration of analyte

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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☒ 4. Document ID: EP 1018010 A1, WO 9914596 A1, ZA 9808077 A, AU 9890996 A, NO 200001326 A

L4: Entry 4 of 13

File: DWPI

Jul 12, 2000

DERWENT-ACC-NO: 1999-244080
DERWENT-WEEK: 200036
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TITLE: Producing capacity affinity sensor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☐ 5. Document ID: EP 988534 A1, WO 9857159 A1, AU 9879678 A

L4: Entry 5 of 13

File: DWPI

Mar 29, 2000

DERWENT-ACC-NO: 1999-060482
DERWENT-WEEK: 200020
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TITLE: Composition for detection of analytes - comprises electrode comprising self-assembled monolayer and metal ion ligand

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☐ 6. Document ID: EP 981643 A2, WO 9831839 A2, AU 9859265 A

L4: Entry 6 of 13

File: DWPI

Mar 1, 2000

DERWENT-ACC-NO: 1998-414129
DERWENT-WEEK: 200016
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TITLE: Probing of molecules at surfaces - by passing electron between biological species, used in e.g. test assays, biosensing applications or disease detection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. Desc	Image
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☒ 7. Document ID: CA 2226387 A1, FR 2758179 A1, EP 939279 A1

L4: Entry 7 of 13

File: DWPI

Aug 3, 1999

DERWENT-ACC-NO: 1998-390234
DERWENT-WEEK: 200004
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TITLE: Flame monitoring and automatic cut-off for gas cooker or heater - has flame detectors at each burner and solenoid valve in each burner supply line, with electronic controller responding to flame detector to control solenoid valve

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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- ☒ 8. Document ID: US 5724987 A
L4: Entry 8 of 13 File: DWPI Mar 10, 1998

DERWENT-ACC-NO: 1998-192382
DERWENT-WEEK: 199818
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TITLE: Neurocognitive adaptive computer aided training method
- involves automatically adjusting portion of learning program
being run by computer if trainee's on-line neurocognitive
scores of focused attention are predetermined amount below or
above threshold value

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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- ☒ 9. Document ID: US 6090269 A, WO 9706432 A1, AU 9666671 A, IL 114831 A, EP 842417
A1

L4: Entry 9 of 13 File: DWPI Jul 18, 2000

DERWENT-ACC-NO: 1997-154390
DERWENT-WEEK: 200037
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TITLE: Highly sensitive electrode for determination of
chromium (VI) - having self-assembled monolayer of positively
charged 4-(2-ethane- thiol) pyridinium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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- ☒ 10. Document ID: WO 9817173 A1, US 5568816 A
L4: Entry 10 of 13 File: DWPI Apr 30, 1998

DERWENT-ACC-NO: 1996-496511
DERWENT-WEEK: 199823
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TITLE: EEG deblurring method for brain wave medical system -
involves amplifying brain waves detected at electrodes,
converting amplified brain waves into digital data and
entering data into computer system to analyse data

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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11. Document ID: US 5331970 A

L4: Entry 11 of 13

File: DWPI

Jul 26, 1994

DERWENT-ACC-NO: 1994-240669

DERWENT-WEEK: 199650

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TITLE: EEG spatial enhancement - measuring thickness of skull and scalp of subject and head shape, then measuring physical location of electrodes on scalp

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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12. Document ID: US 5038782 A, WO 9202176 A

L4: Entry 12 of 13

File: DWPI

Aug 13, 1991

DERWENT-ACC-NO: 1991-259496

DERWENT-WEEK: 199846

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TITLE: Electrode system for brain wave detection appts. - has several metal conductive fingers which protrude through hair to scalp and provide multi-contact sites on scalp for each electrode

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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13. Document ID: US 4964972 A

L4: Entry 13 of 13

File: DWPI

Oct 23, 1990

DERWENT-ACC-NO: 1990-341629

DERWENT-WEEK: 199045

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TITLE: Electrode for electrochemical sensing device - is coated with mono:layer having selective active component and surface sealing component

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
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FILE 'CAPLUS' ENTERED AT 14:06:29 ON 11 SEP 2000

L1 3574 S SAM SAM
L2 2016 S (SELF (W) ASSEMBLED (W) MONOLAYER)
L3 4914 S L1 OR L2
L4 349019 S ELECTRODE#
L5 560 S L3 AND L4
L6 78 S L5 AND DETECT?
L7 3574 S (SAM)

=> d 16 1-78 ti py

L6 ANSWER ① OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Tissue Collection devices containing biosensors
PY 2000

L6 ANSWER ② OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Anion recognition and electrochemical characteristics of the **self**
-assembled monolayer of nickel(II) azamacrocyclic
complex
PY 2000

L6 ANSWER ③ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI **Electrode** based biosensors in conjunction with nucleic acid
probes, colloid particles and electron transfer moieties
PY 2000

L6 ANSWER ④ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Enzyme inhibition assays with an amperometric glucose biosensor based on
a
thiolate **self-assembled monolayer**
PY 2000

L6 ANSWER ⑤ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Development of an ion-channel sensor for heparin **detection**
PY 2000

L6 ANSWER ⑥ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Combined atomic force microscopy (AFM), X-ray photoelectron spectroscopy
(XPS) and quartz crystal microbalance (QCM) studies of glucose oxidase
(GOx) immobilised onto **self-assembled**
monolayer on the gold film
PY 1999

L6 ANSWER ⑦ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Binding acceleration techniques for the **detection** of analytes
and particularly nucleic acids
PY 1999
2000
2000

L6 ANSWER 8 OF 78 CAPLUS COPYRIGHT 2000 ACS



- TI Ion-channel - mimetic sensors based on self-assembled monolayers of phosphate esters: high selectivity for trivalent cations
PY 1999
- L6 ANSWER (9) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Simultaneous **detection** of ascorbic acid and dopamine at gold **electrode** modified with a **self-assembled monolayer** of cystamine
PY 1999
- L6 ANSWER (10) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electrochemistry analytical method of iodine ions at the self-assembled monolayers of mercapto methoxy poly(ethylene glycol) gold **electrode**
PY 1999
- L6 ANSWER (11) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Streptavidin arrays as supramolecular architectures in surface-plasmon optical sensor formats
PY 2000
- L6 ANSWER (12) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electronic methods for the **detection** of analytes utilizing self-assembled monolayers having conductive oligomers and capture binding ligands
PY 1999
1999
- L6 ANSWER (13) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Interfacial recognition of sugars by boronic acid-carrying **self-assembled monolayer**
PY 2000
- L6 ANSWER (14) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Capture agents for a quartz crystal microbalance-continuous flow biosensor: functionalized self-assembled monolayers on gold
PY 1999
- L6 ANSWER (15) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI **Self-assembled monolayer**-based **electrodes** for selective determination of Cu²⁺ and Ag⁺ ions with antifouling activity against protein adsorption
PY 1999
- L6 ANSWER (16) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electropolymerized molecularly imprinted polymers as receptor layers in capacitive chemical sensors
PY 1999
- L6 ANSWER (17) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Self-assembly of a tricarboxylate receptor through thioamide groups and its use for electrochemical **detection** of protonated amines
PY 1999
- L6 ANSWER (18) OF 78 CAPLUS COPYRIGHT 2000 ACS

- TI Quartz crystal microbalance for selenite sensing based on growth of cadmium selenite crystals immobilized on a monolayer of phosphorylated 11-mercapto-1-undecanol
PY 1999
- L6 ANSWER 19 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Screen-printed amperometric immunosensor for repeated use in the flow-through mode
PY 1999
- L6 ANSWER 20 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electrochemical **detection** of unlabeled target DNA.
PY 1999
- L6 ANSWER 21 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Enzyme **electrodes** based on self-assembled monolayers of thiol compounds on gold
PY 1999
- L6 ANSWER 22 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Solvent effect on the structure of the **self-assembled monolayer** of alkanethiol
PY 1999
- L6 ANSWER 23 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electroanalytical behavior of a nanoarray self-assembled thiocholesterol gold **electrode**
PY 1999
- L6 ANSWER 24 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI The molecular recognition characteristics of .omega.-mercapto methoxy poly(ethylene glycol) **self-assembled monolayer** at gold **electrode** and the **detection** of dopamine in serum
PY 1998
- L6 ANSWER 25 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Preparation and electrochemical characterization of a .beta.-cyclodextrin-based chemically modified **electrode**
PY 1999
- L6 ANSWER 26 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electrochemical biosensors based on chemically modified **electrodes**
PY 1999
- L6 ANSWER 27 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI In situ STM study of self-assembled mercaptopropionic acid monolayers for electrochemical **detection** of dopamine
PY 1999
- L6 ANSWER 28 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Molecular recognition of a **self-assembled monolayer** of a polydithiocarbamate derivative of .beta.-cyclodextrin on silver

PY 1999

L6 ANSWER 29 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Charge translocation by the Na⁺/K⁺-ATPase investigated on solid supported membranes: rapid solution exchange with a new technique
PY 1999

L6 ANSWER 30 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Immobilization of single-stranded deoxyribonucleic acid on gold **electrode** with self-assembled aminoethanethiol monolayer for DNA electrochemical sensor applications
PY 1998

L6 ANSWER 31 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electrochemistry of Guest Molecules in Thiolated Cyclodextrin Self-Assembled Monolayers: An Implication for Size-Selective Sensors
PY 1998

L6 ANSWER 32 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Analysis of electrochemical processes using surface plasmon resonance
PY 1998

L6 ANSWER 33 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Intermolecular electrical conductance in self-assembled monolayers
PY 1998

L6 ANSWER 34 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Direct electrochemistry of hemoglobin at silver **electrode** modified by lipoic acid monolayer
PY 1998

L6 ANSWER 35 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Capacitive immunosensing of polycyclic aromatic hydrocarbon and protein conjugates
PY 1998

L6 ANSWER 36 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI A highly sensitive DNA biosensor based on redox-active DNA probes and molecular wires.
PY 1998

L6 ANSWER 37 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electronic-property probing and immobilization of biological molecules at surfaces and biosensors containing them
PY 1998
1998
2000

L6 ANSWER 38 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Self-assembled monolayers of mercaptoporphyrins as sensing material for quartz crystal microbalance chemical sensors
PY 1998

L6 ANSWER 39 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Surface modifications for the development of piezoimmunosensors

- PY 1998
- L6 ANSWER 40 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Platinum-Catalyzed Enzyme **Electrodes** Immobilized on Gold Using
Self-Assembled Layers
PY 1998
- L6 ANSWER 41 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Immobilization of horseradish peroxidase on a **self-**
assembled monolayer modified gold **electrode**
for the **detection** of hydrogen peroxide
PY 1998
- L6 ANSWER 42 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electrocatalytic oxidation of hydrazines at a 4-pyridylhydroquinone
self-assembled platinum **electrode** and its application to
amperometric **detection** in capillary electrophoresis
PY 1998
- L6 ANSWER 43 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electrochemical **Detection** of Electrochemically Inactive Cations
by Self-Assembled Monolayers of Crown Ethers
PY 1998
- L6 ANSWER 44 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Protein-DNA Double and Triple Layers: Interaction of Biotinylated DNA
Fragments with Solid Supported Streptavidin Layers
PY 1998
- L6 ANSWER 45 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Thionine covalently tethered to multilayer horseradish peroxidase in a
self-assembled monolayer as an
electron-transfer mediator
PY 1998
- L6 ANSWER 46 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI **Self-assembled monolayer** gold
electrode for surfactant analysis
PY 1997
- L6 ANSWER 47 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Immobilization of glucose oxidase onto a Langmuir-Blodgett ultrathin film
of a cellulose derivative deposited on a **self-assembled**
monolayer
PY 1997
- L6 ANSWER 48 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Formation and Imaging of Microscopic Enzymically Active Spots on an
Alkanethiolate-Covered Gold **Electrode** by Scanning
Electrochemical Microscopy
PY 1997
- L6 ANSWER 49 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electrochemical behavior of gold **electrodes** modified with
self-assembled monolayers with an acidic end group for selective

09/295691

- 1997 **detection of dopamine**
PY 1997
- L6 ANSWER 50 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Additive fabrication of integrated ferroelectric thin-film capacitors
using self-assembled organic thin-film templates
PY 1997
- L6 ANSWER 51 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Fabrication of cholesterol and uric acid sensors using enzymes
immobilized
on a **self-assembled monolayer** of cystamine
and artificial redox agents as electron mediators.
PY 1997
- L6 ANSWER 52 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI An amperometric enzyme **electrode** for glucose using immobilized
glucose oxidase in a ferrocene attached poly(4-vinylpyridine) multilayer
film
PY 1997
- L6 ANSWER 53 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electrochemical and surface plasmon resonance characterization of the
step-by-step self-assembly of a biomimetic structure onto an
electrode surface
PY 1997
- L6 ANSWER 54 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Selective Determination of Cr(VI) by a **Self-Assembled
Monolayer-Based Electrode**
PY 1997
- L6 ANSWER 55 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Organized self-assembled lipoyl-.beta.-cyclodextrin derivative monolayer
on a gold **electrode**
PY 1997
- L6 ANSWER 56 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Controlling Schottky energy barriers in organic electronic devices using
self-assembled monolayers
PY 1996
- L6 ANSWER 57 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Gas-phase molecular recognition on functional monolayers immobilized on a
highly sensitive quartz-crystal microbalance
PY 1996
- L6 ANSWER 58 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Trace analysis at the **electrode**/solution interface via
electrochemical amplification
PY 1996
- L6 ANSWER 59 OF 78 CAPLUS COPYRIGHT 2000 ACS
TI A 'mixed' **self-assembled monolayer** for an
impedimetric immunosensor

09/11/2000

PY 1996

L6 ANSWER ~~63~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Improvements in the Selectivity of Electrochemical **Detectors** for
Liquid Chromatography and Flow Injection Analysis Using the
Self-Assembled
n-Alkanethiol Monolayer-Modified Au **Electrode**

PY 1996

L6 ANSWER ~~63~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Guest selective adsorption from the gas phase onto a functional
self-assembled monolayer immobilized on a
super-sensitive quartz-crystal microbalance

PY 1996

L6 ANSWER ~~63~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Applications of self-assembled monolayers in electroanalytical chemistry
PY 1996

L6 ANSWER (63) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Self-assembled monolayers for chemical sensors: molecular recognition by
immobilized supramolecular structures
PY 1996

L6 ANSWER ~~64~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Investigation of **self-assembled monolayer** on
gold **electrode**
PY 1995

L6 ANSWER (65) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI **Detection** of NO using Ni-porphyrins and a **self-**
assembled monolayer of hemopeptide as modified
electrodes for a silicon integrated microsensor
PY 1995

L6 ANSWER (66) OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Self-assembled monolayers and enzyme **electrodes**: progress,
problems and prospects
PY 1995

L6 ANSWER ~~64~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Molecular recognition at the **electrode**-solution interface.
Design, self-assembly, and interfacial binding properties of a molecular
sensor
PY 1995

L6 ANSWER ~~68~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Electrochemical **detection** of phase transitions in
self-aggregated monolayers
PY 1994

L6 ANSWER ~~69~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI analysis of thin films and interfaces by angle-lap Auger depth profiling
PY 1993

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- L6 ANSWER ~~70~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Amperometric **detection** of surfactants using a gold
electrode modified with a **self-assembled**
monolayer of thiol
PY 1993
- L6 ANSWER ~~71~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Separation-Free Sandwich Enzyme Immunoassays Using Microporous Gold
Electrodes and **Self-Assembled**
Monolayer/Immobilized Capture Antibodies
PY 1994
- L6 ANSWER ~~72~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Gold **electrode** modified with a **self-assembled**
monolayer of thiols as an electrochemical **detector** for
ionic surfactants
PY 1993
- L6 ANSWER ~~73~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Interactions between organized, surface-confined monolayers and
vapor-phase probe molecules. 7. Comparison of self-assembling
n-alkanethiol monolayers deposited on gold from liquid and vapor phases
PY 1993
- L6 ANSWER ~~74~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Zeolite crystal layers coupled to piezoelectric sensors: molecular
recognition devices
PY 1991
- L6 ANSWER ~~75~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI On-line monitoring of hydrophobic compounds at **self-**
assembled monolayer modified amperometric flow
detectors
PY 1993
- L6 ANSWER ~~76~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Effect of sulfur-adlayer preparation on self-assembled monolayers of
phenothiazines at polyoriented platinum **electrodes**
PY 1993
- L6 ANSWER ~~77~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI In situ infrared spectroscopic studies of redox active self-assembled
monolayers on gold **electrode** surfaces
PY 1991
- L6 ANSWER ~~78~~ OF 78 CAPLUS COPYRIGHT 2000 ACS
TI Applications of scanning Auger spectroscopy (**SAM**) to the silicon
integrated circuit (SIC) technology
PY 1976

09/11/2000